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(Federal Institute of Industrial Property)

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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=> s (polyamino acid#)
 L1 6724 (POLYAMINO ACID#)
 => s l1 and (glutam? or aspart? or serin?)
 L2 3111 L1 AND (GLUTAM? OR ASPART? OR SERIN?)
 => s l2 and (repeat? unit#)
 L3 254 L2 AND (REPEAT? UNIT#)
 => s l3 and backbone
 L4 112 L3 AND BACKBONE
 => s l4 and (functional end?)
 5 FILES SEARCHED...
 L5 1 L4 AND (FUNCTIONAL END?)
 => d l5 1 ibib abs

L5 ANSWER 1 OF 1 USPATFULL on STN
 ACCESSION NUMBER: 2003:330752 USPATFULL
 TITLE: Dendritic poly (amino acid) carriers and methods of use
 INVENTOR(S): Li, Chun, Missouri City, TX, UNITED STATES
 Tansey, Wayne, Houston, TX, UNITED STATES
 Charnsangavej, Chusilp, Houston, TX, UNITED STATES
 Wallace, Sidney, Bellaire, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003232968	A1	20031218
APPLICATION INFO.:	US 2002-327455	A1	20021220 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-342807P	20011221 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BAKER BOTTS L.L.P., PATENT DEPARTMENT, 98 SAN JACINTO BLVD., SUITE 1500, AUSTIN, TX, 78701-4039	
NUMBER OF CLAIMS:	75	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	1980	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

AB The present invention concerns a design for dendritic poly(amino acid) polymer carriers, also known as nonlinear polymers, and their applications. These dendritic poly(amino acid) carriers have multiple functional groups at the polymer surface. In addition, they have heterofunctional groups on the poly(amino acid) side chains for drug or diagnostic agent attachment. They are designed to allow sufficient preservation of the binding affinity of the targeting ligand while conjugating therapeutic or diagnostic agents to the polymers. The present invention also describes methods of production of the polymer carriers and methods for the treatment or diagnosis of diseases employing the polymer carriers. The present invention also includes methods to introduce targeting moieties site-specifically to the end of polymer chains.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.